

## ABSTRACT

A radar apparatus or like is provided in which a rate at which detected image data is written into an image memory is prevented from decreasing, irrespective of an enlarged amount of the detected image data. When an azimuth direction enlargement section 90a of a W data generator 9 receives detected image data of a certain sweep, the azimuth direction enlargement section 90a outputs the detected image data to an image memory 10, and delays the detected image data, depending on a cycle of an azimuth direction shift timing signal. Next, when detected image data of a next sweep is drawn into a pixel adjacent in an azimuth direction (sweep moving direction) to a pixel into which previous detected image data has been drawn and is located at the same distance in a sweep distance direction, the delayed detected image data is compared with new detected image data, and the greater data is drawn into the new pixel. Here, when the delayed detected image data is greater, this detected image data is eventually enlarged in the azimuth direction.